

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: firstprog* SQL File 4* SQL File 5* SQL File 6* x

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Information

No object selected

SQL File 6* x

```
26
27 insert into supplier VALUES(10001,'Acme Widget','Bangalore'),
28 (10002,'Johns','Kolkata'),
29 (10003,'Vimal','Mumbai'),
30 (10004,'Reliance','Delhi');
31 SELECT * from supplier;
32
```

Result Grid

	sid	sname	address
▶	10001	Acme Widget	Bangalore
	10002	Johns	Kolkata
	10003	Vimal	Mumbai
	10004	Reliance	Delhi
•	NULL	NULL	NULL

supplier 3 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 3	09:34:50	create table supplier(sid int not null, sname varchar(20) not null, address varchar(30)...	0 row(s) affected	1.656 sec
✓ 4	09:34:55	create table parts(pid int not null, pname varchar(20), color varchar(10), primary k...	0 row(s) affected	0.703 sec
✓ 5	09:35:05	create table catalog(sid int not null, pid int not null, cost real not null, foreign key(si...	0 row(s) affected	1.500 sec
✓ 6	09:35:19	SELECT * from supplier LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
✓ 7	09:35:38	insert into supplier VALUES(10001,'Acme Widget','Bangalore'), (10002,'Johns','Kolkata'), (10...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.187 sec
✓ 8	09:35:45	SELECT * from supplier LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

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Information

No object selected

firstprog* SQL File 4* SQL File 5* SQL File 6*

Limit to 1000 rows

32

33 • insert into parts VALUES(20001,'Book','Red'),

34 (20002,'Pen','Red'),

35 (20003,'Pencil','Green'),

36 (20004,'Mobile','Green'),

37 (20005,'Charger','Black');

38 • SELECT * from parts;

Result Grid

pid	pname	color
20001	Book	Red
20002	Pen	Red
20003	Pencil	Green
20004	Mobile	Green
20005	Charger	Black
NULL	NULL	NULL

parts 4

Apply Revert

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	09:35:05	create table catalog(sid int not null, pid int not null, cost real not null, foreign key(si...	0 row(s) affected	1.500 sec
6	09:35:19	SELECT * from supplier LIMIT 0, 1000	0 row(s) returned	0.015 sec / 0.000 sec
7	09:35:38	insert into supplier VALUES(10001,'Acme Widget','Bangalore'), (10002,'Johns','Kolkata'), (10...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.187 sec
8	09:35:45	SELECT * from supplier LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
9	09:36:54	insert into parts VALUES(20001,'Book','Red'), (20002,'Pen','Red'), (20003,'Pencil','Green'), (...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.156 sec
10	09:36:59	SELECT * from parts LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

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Limit to 1000 rows

43 (10001,'20004','10'),

44 (10001,'20005','10'),

45 (10002,'20001','10'),

46 (10002,'20002','20'),

47 (10003,'20003','30'),

Result Grid

	sid	pid	cost
▶	10001	20001	10
	10001	20002	10
	10001	20003	30
	10001	20004	10
	10001	20005	10
	10002	20001	10
	10002	20002	20
	10003	20003	30
	10004	20003	40

Filter Rows: Exports: Wrap Cell Content: I A

SQLAdditions

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catalog 5

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	09:35:38	insert into supplier VALUES(10001,'Acme Widget','Bangalore'), (10002,'Johns','Kolkata'), (10...	4 row(s) affected Records: 4 Duplicates: 0 Warnings: 0	0.187 sec
8	09:35:45	SELECT * from supplier LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
9	09:36:54	insert into parts VALUES(20001,'Book','Red'), (20002,'Pen','Red'), (20003,'Pencil','Green'), (...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.156 sec
10	09:36:59	SELECT * from parts LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
11	09:37:50	insert into catalog VALUES(10001,'20001','10'), (10001,'20002','10'), (10001,'20003','30'), (1...	9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0	0.235 sec
12	09:37:55	select * from catalog LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Limit to 1000 rows

SQL Editor

50

51 • SELECT DISTINCT p.pname

52 FROM parts p, catalog c

53 WHERE p.pid = c.pid;

54

55 • SELECT DISTINCT pname

56 FROM catalog x, parts y, supplier z

57 WHERE(z.sname='Acme Widget'

58 AND z.sid=x.sid);

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result 7

Read OnlyContext HelpSnippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
9	09:36:54	insert into parts VALUES(20001,'Book','Red'), (20002,'Pen','Red'), (20003,'Pencil','Green'), (...	5 row(s) affected Records: 5 Duplicates: 0 Warnings: 0	0.156 sec
10	09:36:59	SELECT * from parts LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
11	09:37:50	insert into catalog VALUES(10001,'20001','10'), (10001,'20002','10'), (10001,'20003','30'), (1...	9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0	0.235 sec
12	09:37:55	select * from catalog LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
13	09:39:15	SELECT DISTINCT p.pname FROM parts p, catalog c WHERE p.pid = c.pid LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
14	09:40:02	SELECT DISTINCT pname FROM catalog x, parts y, supplier z WHERE(z.sname='Acme ...	5 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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Information

No object selected

firstprog* SQL File 4* SQL File 5* SQL File 6*

Limit to 1000 rows

SQL Editor

55

•

SELECT DISTINCT pname

56

FROM catalog x, parts y, supplier z

57

WHERE(z.sname='Acme Widget'

58

AND z.sid=x.sid);

59

60

•

SELECT DISTINCT c.sid FROM catalog c

61

WHERE c.cost>(SELECT AVG(c1.cost)

62

FROM catalog c1

63

WHERE c1.pid=c.pid);

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

catalog 8

Read Only Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓ 10	09:36:59	SELECT * from parts LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓ 11	09:37:50	insert into catalog VALUES(10001,'20001','10'), (10001,'20002','10'), (10001,'20003','30'), (1...	9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0	0.235 sec
✓ 12	09:37:55	select * from catalog LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
✓ 13	09:39:15	SELECT DISTINCT p.pname FROM parts p, catalog c WHERE p.pid = c.pid LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
✓ 14	09:40:02	SELECT DISTINCT pname FROM catalog x, parts y, supplier z WHERE(z.sname='Acme ...	5 row(s) returned	0.000 sec / 0.000 sec
✓ 15	09:40:48	SELECT DISTINCT c.sid FROM catalog c WHERE c.cost>(SELECT AVG(c1.cost) FROM...	2 row(s) returned	0.000 sec / 0.000 sec

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FROM catalog c1

WHERE c1.pid=c.pid);

SELECT P.pid, S.sname

FROM parts P, supplier S, catalog C

WHERE C.pid = P.pid

AND C.sid = S.sid

AND C.cost = (SELECT MAX(C1.cost)

FROM catalog C1 WHERE C1.pid = P.pid);

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

pid	sname
20001	Acme Widget
20004	Acme Widget
20005	Acme Widget
20001	Johns
20002	Johns

Result 9

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Action Output

#	Time	Action	Message	Duration / Fetch
11	09:37:50	insert into catalog VALUES(10001,'20001','10'), (10001,'20002','10'), (10001,'20003','30'), (1...	9 row(s) affected Records: 9 Duplicates: 0 Warnings: 0	0.235 sec
12	09:37:55	select *from catalog LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
13	09:39:15	SELECT DISTINCT p.pname FROM parts p, catalog c WHERE p.pid = c.pid LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
14	09:40:02	SELECT DISTINCT pname FROM catalog x, parts y, supplier z WHERE(z.sname='Acme ...	5 row(s) returned	0.000 sec / 0.000 sec
15	09:40:48	SELECT DISTINCT c.sid FROM catalog c WHERE c.cost>(SELECT AVG(c1.cost) FROM...	2 row(s) returned	0.000 sec / 0.000 sec
16	09:42:23	SELECT P.pid, S.sname FROM parts P, supplier S, catalog C WHERE C.pid = P.pid AND ...	6 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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67 WHERE C.pid = P.pid

68 AND C.sid = S.sid

69 AND C.cost = (SELECT MAX(C1.cost)

70 FROM catalog C1 WHERE C1.pid = P.pid);

71

72 SELECT DISTINCT c.sid

73 FROM catalog c

74 WHERE NOT EXISTS(SELECT * FROM parts p

75 WHERE p.pid=c.pid and p.color<>'red');

Result Grid

Filter Rows:

Export:

Wrap Cell Content:

Result Grid

catalog 10

Read Only Context Help Snippets

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Action Output

#	Time	Action	Message	Duration / Fetch
12	09:37:55	select * from catalog LIMIT 0, 1000	9 row(s) returned	0.000 sec / 0.000 sec
13	09:39:15	SELECT DISTINCT p.pname FROM parts p, catalog c WHERE p.pid = c.pid LIMIT 0, 1000	5 row(s) returned	0.031 sec / 0.000 sec
14	09:40:02	SELECT DISTINCT pname FROM catalog x, parts y, supplier z WHERE(z.sname='Acme ...	5 row(s) returned	0.000 sec / 0.000 sec
15	09:40:48	SELECT DISTINCT c.sid FROM catalog c WHERE c.cost>(SELECT AVG(c1.cost) FROM...	2 row(s) returned	0.000 sec / 0.000 sec
16	09:42:23	SELECT P.pid, S.sname FROM parts P, supplier S, catalog C WHERE C.pid = P.pid AND ...	6 row(s) returned	0.000 sec / 0.000 sec
17	09:43:08	SELECT DISTINCT c.sid FROM catalog c WHERE NOT EXISTS(SELECT * FROM parts ...	2 row(s) returned	0.000 sec / 0.000 sec

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Information

No object selected

```
74 WHERE NOT EXISTS(SELECT * FROM parts p
75 WHERE p.pid=c.pid and p.color<>'red');
76
77 SELECT S.sname
78 FROM supplier S
79 WHERE NOT EXISTS ((SELECT P.pid FROM PARTS P)
80 EXCEPT(SELECT C.pid
81 FROM CATALOG C WHERE C.sid = S.sid ));
82
83 SELECT S.sname
84 FROM supplier S
85 WHERE NOT EXISTS (( SELECT P.pid
86 FROM parts P
87 WHERE P.color = 'RED')
88 EXCEPT
89 ( SELECT C.pid
90 FROM CATALOG C WHERE C.sid = S.sid ));
```

SQLAdditions

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#	Time	Action	Message	Duration / Fetch
✓ 16	09:42:23	SELECT P.pid, S.sname FROM parts P, supplier S, catalog C WHERE C.pid = P.pid AND ...	6 row(s) returned	0.000 sec / 0.000 sec
✓ 17	09:43:08	SELECT DISTINCT c.sid FROM catalog c WHERE NOT EXISTS(SELECT * FROM parts ...	2 row(s) returned	0.000 sec / 0.000 sec
✗ 18	09:43:45	SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS ((SELECT P.pid FROM P...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec
✗ 19	09:45:28	SELECT S.sname FROM SUPPLIER S WHERE NOT EXISTS ((SELECT P.pid FROM PA...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec
✗ 20	09:48:01	SELECT S.sname FROM supplier S WHERE NOT EXISTS ((SELECT P.pid FROM PART...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec
✗ 21	09:49:04	SELECT S.sname FROM supplier S WHERE NOT EXISTS ((SELECT P.pid FROM parts P ...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec

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No object selected

```
77 SELECT S.sname
78 FROM supplier S
79 WHERE NOT EXISTS ((SELECT P.pid FROM PARTS P)
80 EXCEPT(SELECT C.pid
81 FROM CATALOG C WHERE C.sid = S.sid ));
82
83 SELECT S.sname
84 FROM supplier S
85 WHERE NOT EXISTS (( SELECT P.pid
86 FROM parts P
87 WHERE P.color = 'RED')
88 EXCEPT
89 ( SELECT C.pid
90 FROM catalog C, parts P
91 WHERE C.sid = S.sid AND
92 C.pid = P.pid AND P.color = 'RED' ));
```

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#	Time	Action	Message	Duration / Fetch
16	09:42:23	SELECT P.pid, S.sname FROM parts P, supplier S, catalog C WHERE C.pid = P.pid AND ...	6 row(s) returned	0.000 sec / 0.000 sec
17	09:43:08	SELECT DISTINCT c.sid FROM catalog c WHERE NOT EXISTS(SELECT * FROM parts ...	2 row(s) returned	0.000 sec / 0.000 sec
18	09:43:45	SELECT S.sname FROM SUPPLIERS S WHERE NOT EXISTS ((SELECT P.pid FROM P...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec
19	09:45:28	SELECT S.sname FROM SUPPLIER S WHERE NOT EXISTS ((SELECT P.pid FROM PA...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec
20	09:48:01	SELECT S.sname FROM supplier S WHERE NOT EXISTS ((SELECT P.pid FROM PART...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec
21	09:49:04	SELECT S.sname FROM supplier S WHERE NOT EXISTS ((SELECT P.pid FROM parts P ...	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds...	0.000 sec

Object Info Session